

ORANGE COUNTY -- O 2271

412637074362301. Local number, O 2271.

LOCATION.--Lat 41°26'37", long 74°36'23", Hydrologic Unit 02040104, at Myers Grove.
Owner: The Nature Conservancy.

AQUIFER.--Water-table aquifer in sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 33.5 ft, cased to 33.5 ft (screen, 18.5 ft to 28.5 ft).

INSTRUMENTATION.--Water-stage recorder--hourly.

DATUM.--Elevation of land-surface datum is 470 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 4.50 ft above land-surface datum.

REMARKS.--Satellite water-level telemeter at station.

PERIOD OF RECORD.--December 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.11 ft below land-surface datum, Sept. 18, 2004; lowest, 7.12 ft below land-surface datum, July 11, 2004.

EXTREMES FOR CURRENT YEAR.--Highest water level, 5.11 ft below land-surface datum, Sept. 18; lowest, 7.12 ft below land-surface datum, July 11.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.00	5.42	5.64	5.59	6.05	6.81	6.37	6.43	6.82	7.03	6.81	5.65
2	6.04	5.46	5.68	5.65	6.09	6.68	6.31	6.45	6.82	7.03	6.78	5.73
3	6.09	5.50	5.73	5.68	6.12	6.53	6.29	6.43	6.85	7.04	6.82	5.80
4	6.12	5.55	5.76	5.68	6.14	6.48	6.27	6.41	6.87	7.05	6.85	5.88
5	6.15	5.57	5.79	5.52	6.17	6.44	6.28	6.42	6.88	7.06	6.79	5.95
6	6.19	5.59	5.82	5.49	6.19	6.40	6.30	6.43	6.89	7.07	6.80	6.01
7	6.22	5.63	5.85	5.54	6.20	6.36	6.32	6.44	6.90	7.07	6.84	6.08
8	6.27	5.67	5.89	5.60	6.24	6.31	6.35	6.47	6.92	7.08	6.88	6.07
9	6.31	5.71	5.93	5.67	6.30	6.28	6.38	6.44	6.94	7.09	6.91	5.92
10	6.35	5.76	5.95	5.72	6.35	6.27	6.41	6.47	6.91	7.10	6.94	5.85
11	6.39	5.80	5.64	5.78	6.40	6.27	6.45	6.48	6.93	7.11	6.91	5.87
12	6.42	5.84	5.43	5.82	6.46	6.28	6.47	6.49	6.95	7.09	6.92	5.91
13	6.46	5.88	5.42	5.86	6.51	6.30	6.38	6.50	6.96	6.98	6.79	5.97
14	6.49	5.93	5.43	5.91	6.56	6.32	6.31	6.51	6.97	6.99	6.69	6.02
15	6.28	5.98	5.47	5.95	6.60	6.34	6.27	6.53	6.98	6.99	6.62	6.07
16	6.27	6.02	5.53	5.97	6.65	6.36	6.26	6.55	6.99	7.00	6.56	6.09
17	6.27	6.06	5.49	5.87	6.68	6.38	6.26	6.58	6.94	7.01	6.53	6.13
18	6.29	6.10	5.46	5.81	6.71	6.40	6.28	6.60	6.89	7.00	6.51	5.38
19	6.30	6.07	5.52	5.85	6.73	6.42	6.30	6.61	6.88	6.94	6.52	5.22
20	6.31	5.74	5.57	5.90	6.76	6.42	6.33	6.63	6.90	6.94	6.54	5.25
21	6.33	5.71	5.62	5.94	6.77	6.40	6.35	6.68	6.93	6.96	6.24	5.30
22	6.35	5.72	5.67	5.97	6.79	6.41	6.38	6.70	6.93	6.98	6.08	5.38
23	6.37	5.75	5.71	6.01	6.80	6.43	6.38	6.73	6.95	6.99	6.14	5.47
24	6.40	5.78	5.48	6.03	6.81	6.45	6.39	6.75	6.98	6.93	6.22	5.56
25	6.42	5.79	5.28	6.00	6.83	6.46	6.41	6.76	6.99	6.86	6.29	5.64
26	6.44	5.84	5.29	5.95	6.84	6.47	6.37	6.77	7.00	6.87	6.34	5.73
27	6.28	5.88	5.32	5.92	6.86	6.47	6.34	6.76	7.01	6.85	6.39	5.80
28	6.00	5.83	5.37	5.94	6.85	6.47	6.35	6.78	7.01	6.76	6.45	5.68
29	5.64	5.60	5.42	5.95	6.84	6.47	6.38	6.80	7.01	6.75	6.50	5.55
30	5.44	5.61	5.47	5.98	---	6.49	6.41	6.81	7.03	6.76	6.30	5.54
31	5.41	---	5.53	6.01	---	6.42	---	6.83	---	6.79	5.57	---
MEAN	6.20	5.76	5.59	5.82	6.53	6.42	6.34	6.59	6.93	6.97	6.57	5.75
MAX	6.49	6.10	5.95	6.03	6.86	6.81	6.47	6.83	7.03	7.11	6.94	6.13
MIN	5.41	5.42	5.28	5.49	6.05	6.27	6.26	6.41	6.82	6.75	5.57	5.22

GROUND-WATER LEVELS
ORANGE COUNTY -- O 2271—Continued